

## **REPLACEMENT ABSTRACT**

The invention concerns a fluid bag that contains either dialysis fluid for hemodialysis or a replacement fluid for replacing ultra-filtrate that is withdrawn from a patient or a fluid that is a rest product from a process of hemodialysis or the like. The fluid bag has a first main sheet and a second main sheet located opposite to the first main sheet. The fluid bag is sized to contain at least a certain quantity ( $q$ ) of fluid, measured in ml, when it is completely filled with fluid. The fluid bag is configured so that the distance between the first and second sheets never exceeds a certain value ( $v$ ), measured in mm, wherein:  $q \geq 2000$ , and  $v \leq 2q/100$ . The invention also concerns a fluid bag assembly including one or more such fluid bags as well as a system including one or more such fluid bags.